

WEST Search History

DATE: Thursday, September 04, 2003

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|--|--------------------|------------------|-------------------------------|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> | | | |
| L16 | Lee-Liana.IN. | 20 | L16 |
| L15 | Lee-L.IN. | 196 | L15 |
| L14 | Lee.IN. | 187717 | L14 |
| L13 | Jackson-Don.IN. | 2 | L13 |
| L12 | Jackson-Donald.IN. | 12 | L12 |
| L11 | Jackson-D.IN. | 62 | L11 |
| L10 | Jackson.IN. | 12574 | L10 |
| L9 | Feder-John.IN. | 21 | L9 |
| L8 | Feder-J.IN. | 55 | L8 |
| L7 | Feder.IN. | 649 | L7 |
| L6 | Chen-Jian.IN. | 646 | L6 |
| L5 | Chen-J.IN. | 4099 | L5 |
| L4 | Chen.IN. | 65599 | L4 |
| L3 | Chang-Han.IN. | 31 | L3 |
| L2 | Chang-H.IN. | 684 | L2 |
| L1 | (Chang.IN.) | 40970 | L1 |

END OF SEARCH HISTORY

WEST Search History

DATE: Thursday, September 04, 2003

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|--|--|------------------|-----------------|
| side by side | | result set | |
| <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | | |
| L28 | L27 AND K+ channel | 32 | L28 |
| L27 | ((530/300 530/350)!.CCLS.) | 8984 | L27 |
| L26 | L25 AND b-subunit | 7 | L26 |
| L25 | (potassium channel) | 1421 | L25 |
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> | | | |
| L24 | human potassium channel AND voltage-gated AND M2 | 4 | L24 |
| L23 | L22 AND human | 204 | L23 |
| L22 | L21 AND voltage-gated | 205 | L22 |
| L21 | L20 AND potassium channel | 441 | L21 |
| L20 | ((435/325)!.CCLS.) | 12015 | L20 |
| L19 | L18 AND beta-subunit | 17 | L19 |
| L18 | L17 AND voltage-gated | 179 | L18 |
| L17 | L16 AND potassium channel | 372 | L17 |
| L16 | ((530/300 530/350)!.CCLS.) | 13494 | L16 |
| L15 | L14 AND potassium channel | 0 | L15 |
| L14 | ((536/23.1)!.CCLS.) | 416 | L14 |
| L13 | Carroll-P.IN. | 12 | L13 |
| L12 | Carroll-Pamela.IN. | 6 | L12 |
| L11 | Carroll.IN. | 4430 | L11 |
| L10 | Siemers-N-O.IN. | 7 | L10 |
| L9 | Siemers-N.IN. | 9 | L9 |
| L8 | Siemers-Nathan.IN. | 9 | L8 |
| L7 | Siemers-Nathan-O.IN. | 10 | L7 |
| L6 | Siemers.IN. | 401 | L6 |
| L5 | Ramananthan-C.IN. | 0 | L5 |
| L4 | Ramananthan-Chandra-S.IN. | 0 | L4 |
| L3 | Ramanathan-Chandra.IN. | 18 | L3 |
| L2 | Ramananthan-C-S.IN. | 0 | L2 |
| L1 | (Ramanathan.IN.) | 688 | L1 |

END OF SEARCH HISTORY

FILE 'HOME' ENTERED AT 13:32:45 ON 04 SEP 2003

=> file CAPLUS
=> s potassium channel OR K channel
517374 POTASSIUM
15 POTASSIUMS
517376 POTASSIUM
(POTASSIUM OR POTASSIUMS)
210191 CHANNEL
124619 CHANNELS
268183 CHANNEL
(CHANNEL OR CHANNELS)
19123 POTASSIUM CHANNEL
(POTASSIUM(W)CHANNEL)
1239414 K
210191 CHANNEL
124619 CHANNELS
268183 CHANNEL
(CHANNEL OR CHANNELS)
14491 K CHANNEL
(K(W)CHANNEL)
L1 23652 POTASSIUM CHANNEL OR K CHANNEL

=> S L2 and human
1167952 HUMAN
308801 HUMANS
1327211 HUMAN
13 (HUMAN OR HUMANS)
456 L2 AND HUMAN

=> S potassium channel AND b-subunit
517374 POTASSIUM
15 POTASSIUMS
517376 POTASSIUM
(POTASSIUM OR POTASSIUMS)
210191 CHANNEL
124619 CHANNELS
268183 CHANNEL
(CHANNEL OR CHANNELS)
19123 POTASSIUM CHANNEL
(POTASSIUM(W) CHANNEL)
1376358 B
128416 SUBUNIT
86652 SUBUNITS
171175 SUBUNIT
(SUBUNIT OR SUBUNITS)
4232 B-SUBUNIT
(B(W)SUBUNIT)
9 POTASSIUM CHANNEL AND B-SUBUNIT

$\Rightarrow B + 5 - 1 = 9$

L5 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:491420 CAPLUS
DN 139:73999
TI Methods and products related to non-viral transfection delivery complex of cholera toxin ***B*** ***subunit*** and cyclodextrin
IN Ellis-Behnke, Rutledge; Teather, Lisa; Schneider, Gerald E.
PA Massachusetts Institute of Technology, USA
SO PCT Int. Appl., 78 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2003052117 | A2 | 20030626 | WO 2002-US29916 | 20020919 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| PRAI | US 2001-323530P | P | 20010919 | | |

L5 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:97550 CAPLUS
DN 138:164674
TI Molecular markers for hepatocellular carcinoma and their use in diagnosis and therapy
IN Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
PA Germany
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2

DT Patent
LA German

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|------------------|----------|
| PI | WO 2003010336 | A2 | 20030206 | WO 2002-EP8305 | 20020725 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | DE 10136273 | A1 | 20030213 | DE 2001-10136273 | 20010725 |
| PRAI | DE 2001-10136273 | A | 20010725 | | |

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:668714 CAPLUS
DN 138:51521
TI Geometrical modelling of Ohmic conductance in ion channels
AU Sutherland, Jeffrey; Artega, Gustavo A.
CS Departement de chimie et biochimie, Laurentian University, Sudbury, ON, P3E 2C6, Can.
SO Journal of Molecular Graphics & Modelling (2002), 21(2), 101-110
CODEN: JMGMF1; ISSN: 1093-3263
PB Elsevier Science Inc.
DT Journal
LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:611526 CAPLUS
DN 138:2570

TI Differential subcellular localization of the two alternatively spliced isoforms of the Kv3.1 ***potassium*** ***channel*** subunit in brain
AU Ozaita, A.; Martone, M. E.; Ellisman, M. H.; Rudy, B.
CS Department of Physiology and Neuroscience and Department of Biochemistry, New York University School of Medicine, New York, NY, 10016, USA
SO Journal of Neurophysiology (2002), 88(1), 394-408
CODEN: JONEA4; ISSN: 0022-3077
PB American Physiological Society
DT Journal
LA English

RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:431768 CAPLUS
DN 138:50194
TI Expression profiling in squamous carcinoma cells reveals pleiotropic effects of vitamin D3 analog EB1089 signaling on cell proliferation, differentiation, and immune system regulation
AU Lin, Roberto; Nagai, Yoshihiko; Sladek, Robert; Bastien, Yolande; Ho, Joanne; Petrecca, Kevin; Sotiropoulou, Georgia; Diamandis, Eleftherios P.; Hudson, Thomas J.; White, John H.
CS Department of Physiology, McGill University, Montreal, QC, H3G 1Y6, Can.
SO Molecular Endocrinology (2002), 16(6), 1243-1256
CODEN: MOENEN; ISSN: 0888-8809
PB Endocrine Society
DT Journal
LA English

RE.CNT 89 THERE ARE 89 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:411575 CAPLUS
DN 135:90189
TI Characterization of heteromultimeric G protein-coupled inwardly rectifying ***potassium*** ***channels*** of the tunicate tadpole with a unique pore property
AU Murata, Yoshimichi; Okado, Haruo; Kubo, Yoshihiro
CS Department of Physiology, Graduate School and Faculty of Medicine, Tokyo Medical and Dental University, Tokyo, 113-8519, Japan
SO Journal of Biological Chemistry (2001), 276(21), 18529-18539
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:280062 CAPLUS
DN 125:107938
TI A calcium switch for the functional coupling between .alpha. (hslo) and ***b*** ***subunits*** (KV,Ca.beta.) of maxi K channels. [Erratum to document cited in CA124:223956]
AU Meera, P.; Wallner, M.; Jiang, Z.; Toro, L.
CS Dept. of Anesthesiology, University of California, Los Angeles, CA, 90095-1778, USA
SO FEBS Letters (1996), 385(1,2), 127-8
CODEN: FEBLAL; ISSN: 0014-5793
PB Elsevier
DT Journal
LA English

L5 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:337403 CAPLUS
DN 122:99947
TI Conserved cysteine residues in the Shaker K+ channel are not linked by a disulfide bond
AU Schulteis, Christine T.; John, Scott A.; Huang, Yu; Tang, Chih-Yung; Papazian, Diane M.
CS School of Medicine, University of California, Los Angeles, CA, 90024-1751, USA
SO Biochemistry (1995), 34(5), 1725-33
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society

DT Journal
LA English

L5 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1990:547031 CAPLUS
DN 113:147031
TI ***Potassium*** ***channel*** blockade by the ***B***
subunit of .beta.-bungarotoxin
AU Benishin, Christina G.
CS Fac. Med., Univ. Alberta, Edmonton, AB, T6G 2H7, Can.
SO Molecular Pharmacology (1990), 38(2), 164-9
CODEN: MOPMA3; ISSN: 0026-895X
DT Journal
LA English

=> s K channel AND b-subunit
1239414 K
210191 CHANNEL
124619 CHANNELS
268183 CHANNEL
(CHANNEL OR CHANNELS)
14491 K CHANNEL
(K(W)CHANNEL)
1376358 B
128416 SUBUNIT
86652 SUBUNITS
171175 SUBUNIT
(SUBUNIT OR SUBUNITS)
4232 B-SUBUNIT
(B(W)SUBUNIT)
L6 7 K CHANNEL AND B-SUBUNIT

=> D L6 1-7

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:611526 CAPLUS
DN 138:2570
TI Differential subcellular localization of the two alternatively spliced
isoforms of the Kv3.1 potassium channel subunit in brain
AU Ozaita, A.; Martone, M. E.; Ellisman, M. H.; Rudy, B.
CS Department of Physiology and Neuroscience and Department of Biochemistry,
New York University School of Medicine, New York, NY, 10016, USA
SO Journal of Neurophysiology (2002), 88(1), 394-408
CODEN: JONEA4; ISSN: 0022-3077
PB American Physiological Society
DT Journal
LA English
RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:574553 CAPLUS
DN 137:364915
TI Cyclic nucleotide-gated ion channels
AU Kaupp, U. Benjamin; Seifert, Reinhard
CS Institut fur Biologische Informationsverarbeitung, Forschungszentrum
Julich, Julich, Germany
SO Physiological Reviews (2002), 82(3), 769-824
CODEN: PHREA7; ISSN: 0031-9333
PB American Physiological Society
DT Journal; General Review
LA English
RE.CNT 445 THERE ARE 445 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:411575 CAPLUS
DN 135:90189
TI Characterization of heteromultimeric G protein-coupled inwardly rectifying
potassium channels of the tunicate tadpole with a unique pore property
AU Murata, Yoshimichi; Okado, Haruo; Kubo, Yoshihiro
CS Department of Physiology, Graduate School and Faculty of Medicine, Tokyo
Medical and Dental University, Tokyo, 113-8519, Japan
SO Journal of Biological Chemistry (2001), 276(21), 18529-18539
CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

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L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:280062 CAPLUS

DN 125:107938

TI A calcium switch for the functional coupling between .alpha. (hslo) and
b ***subunits*** (KV,Ca.beta.) of maxi ***K***
channels . [Erratum to document cited in CA124:223956]

AU Meera, P.; Wallner, M.; Jiang, Z.; Toro, L.

CS Dept. of Anesthesiology, University of California, Los Angeles, CA,
90095-1778, USA

SO FEBS Letters (1996), 385(1,2), 127-8
CODEN: FEBLAL; ISSN: 0014-5793

PB Elsevier

DT Journal

LA English

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:337403 CAPLUS

DN 122:99947

TI Conserved cysteine residues in the Shaker ***K*** + ***channel***
are not linked by a disulfide bond

AU Schulteis, Christine T.; John, Scott A.; Huang, Yu; Tang, Chih-Yung;
Papazian, Diane M.

CS School of Medicine, University of California, Los Angeles, CA, 90024-1751,
USA

SO Biochemistry (1995), 34(5), 1725-33
CODEN: BICHAW; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1990:547031 CAPLUS

DN 113:147031

TI Potassium channel blockade by the ***B*** ***subunit*** of
.beta.-bungarotoxin

AU Benishin, Christina G.

CS Fac. Med., Univ. Alberta, Edmonton, AB, T6G 2H7, Can.

SO Molecular Pharmacology (1990), 38(2), 164-9
CODEN: MOPMA3; ISSN: 0026-895X

DT Journal

LA English

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1989:492097 CAPLUS

DN 111:92097

TI Interaction of the ***B*** ***subunit*** of cholera toxin with
endogenous ganglioside GM1 causes changes in membrane potential of rat
thymocytes

AU Mulhern, Sally A.; Fishman, Peter H.; Spiegel, Sarah

CS Div. Nutr., FDA, Washington, DC, 20204, USA

SO Journal of Membrane Biology (1989), 109(1), 21-8
CODEN: JMBBBO; ISSN: 0022-2631

STN INTERNATIONAL LOGOFF AT 13:34:12 ON 04 SEP 2003